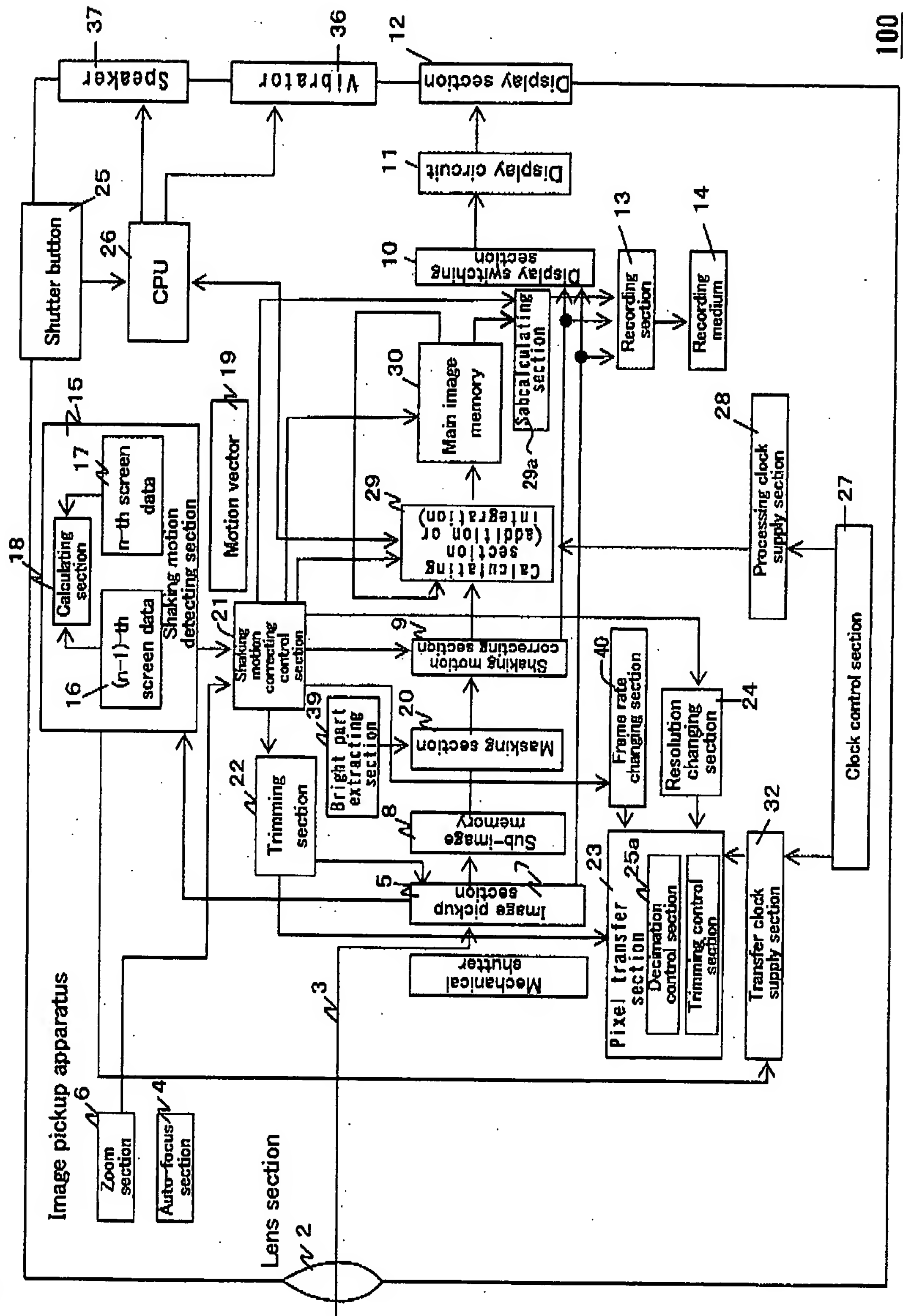


FIG.1



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FIG.2

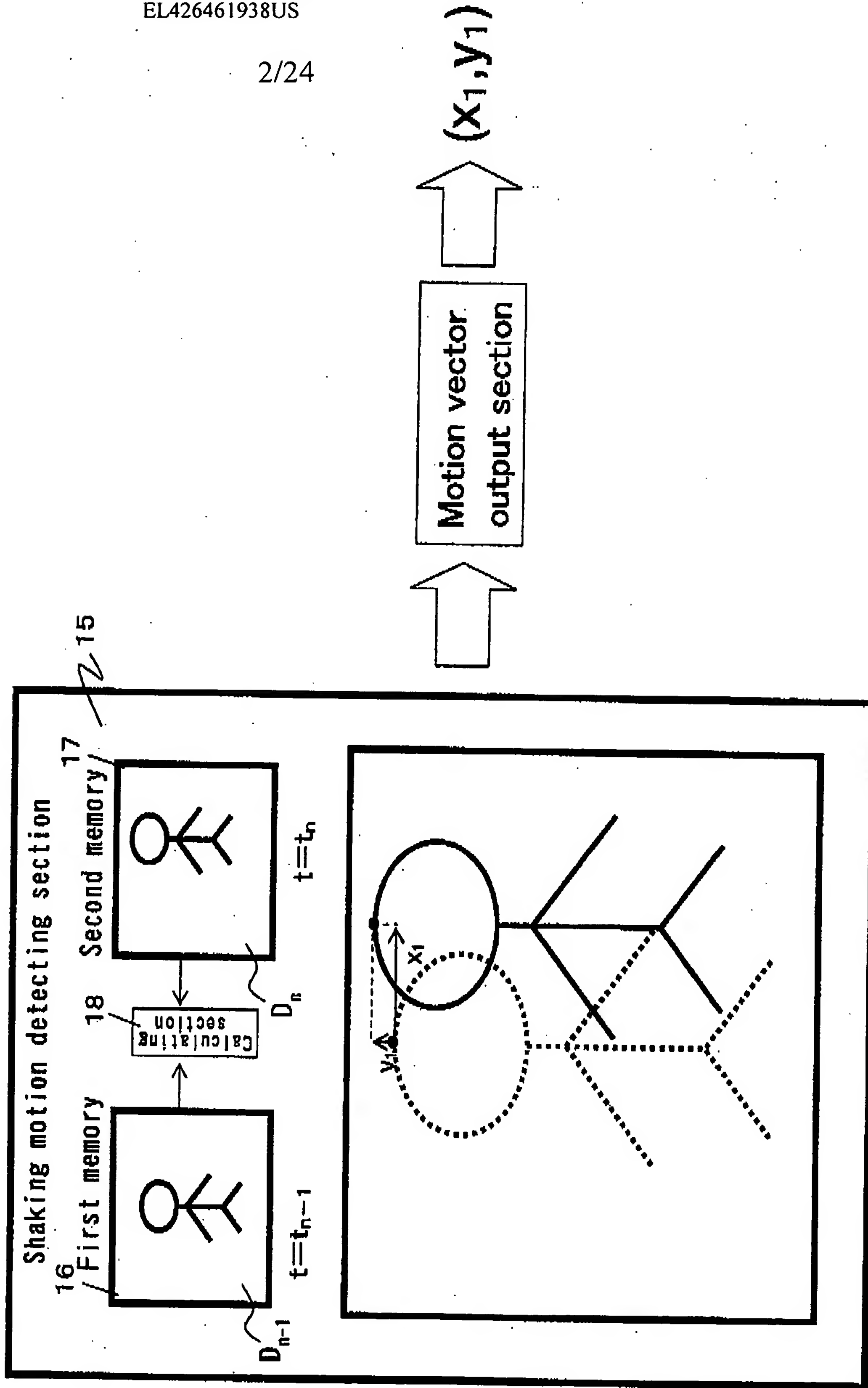
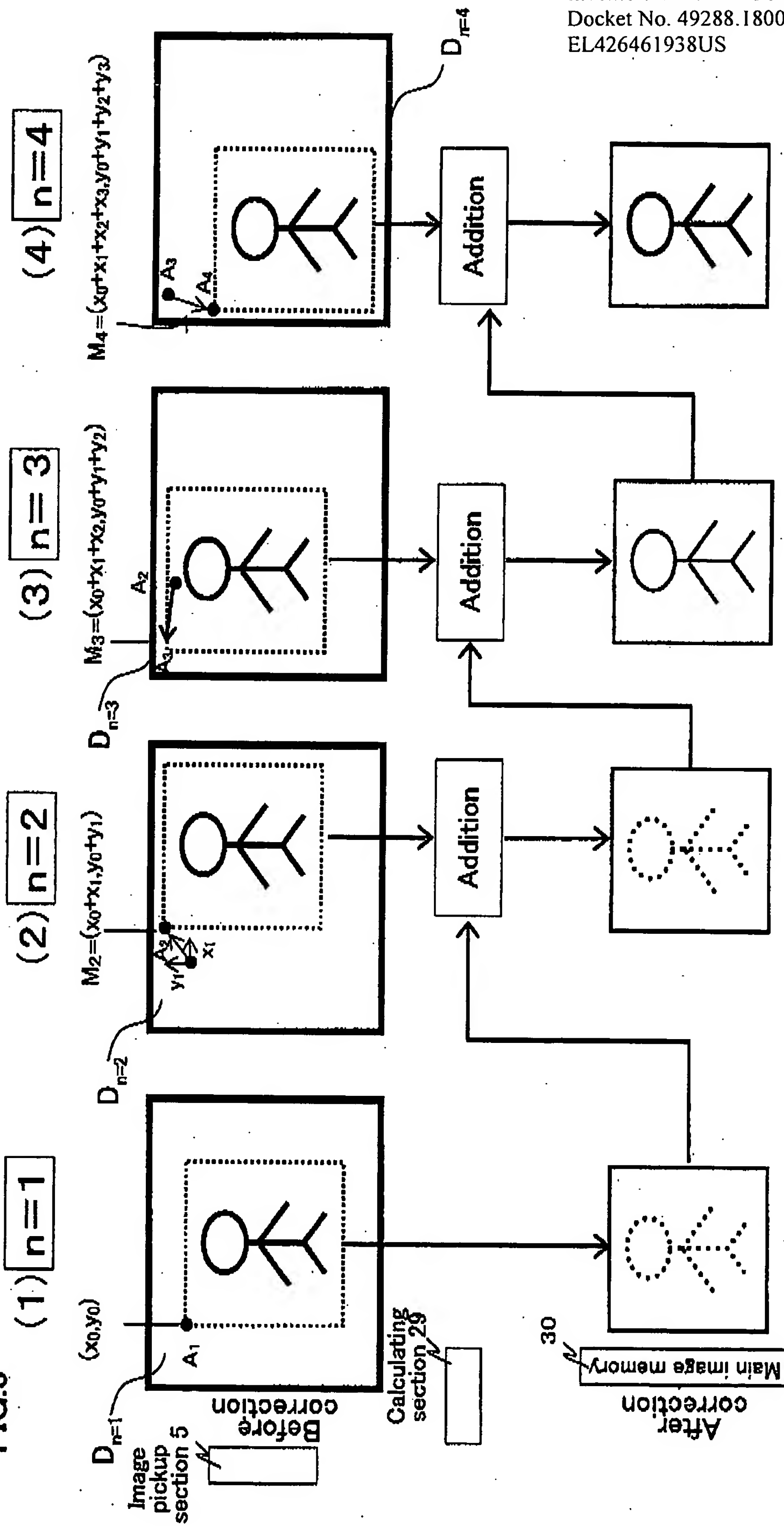
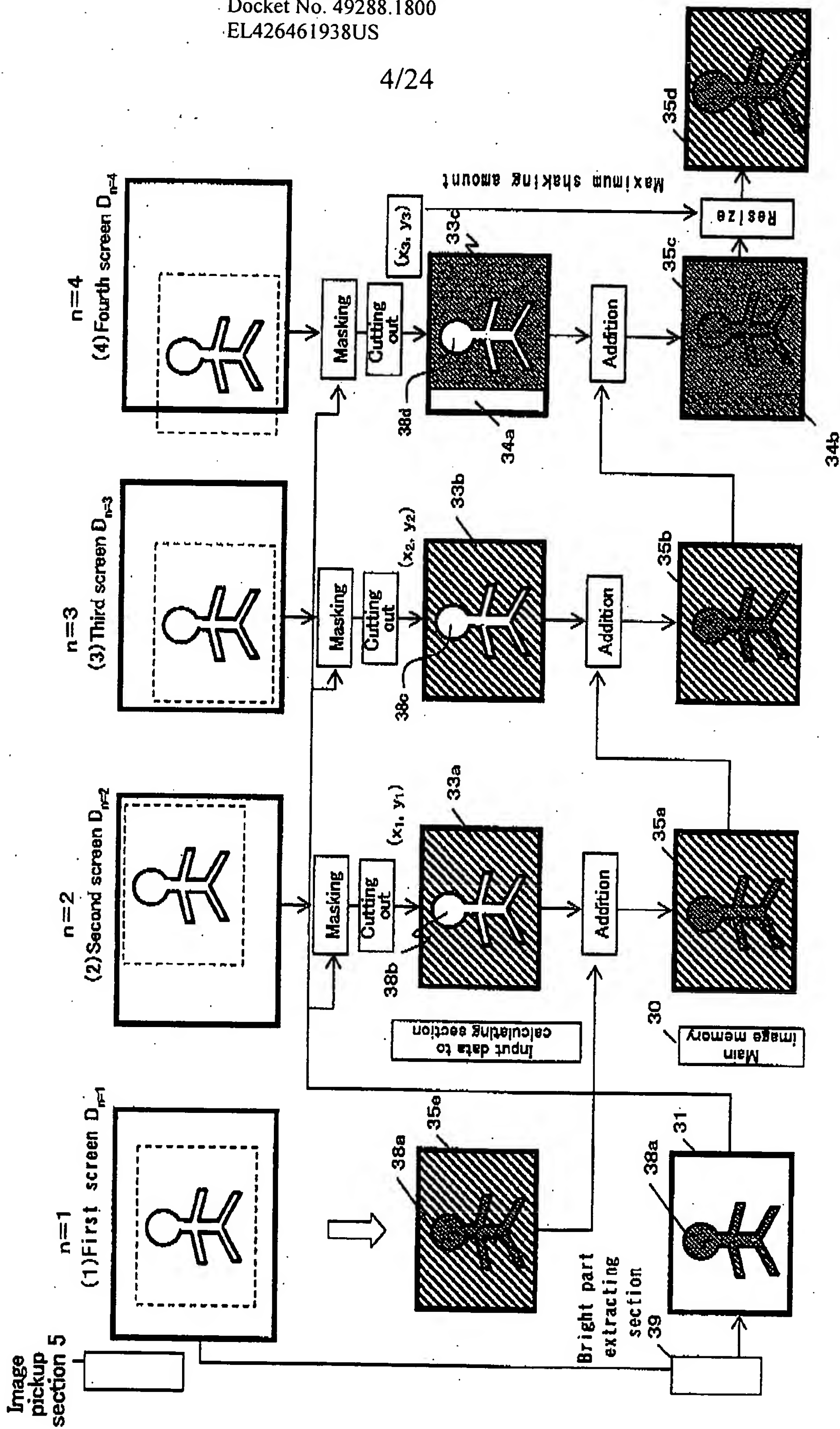


FIG.3

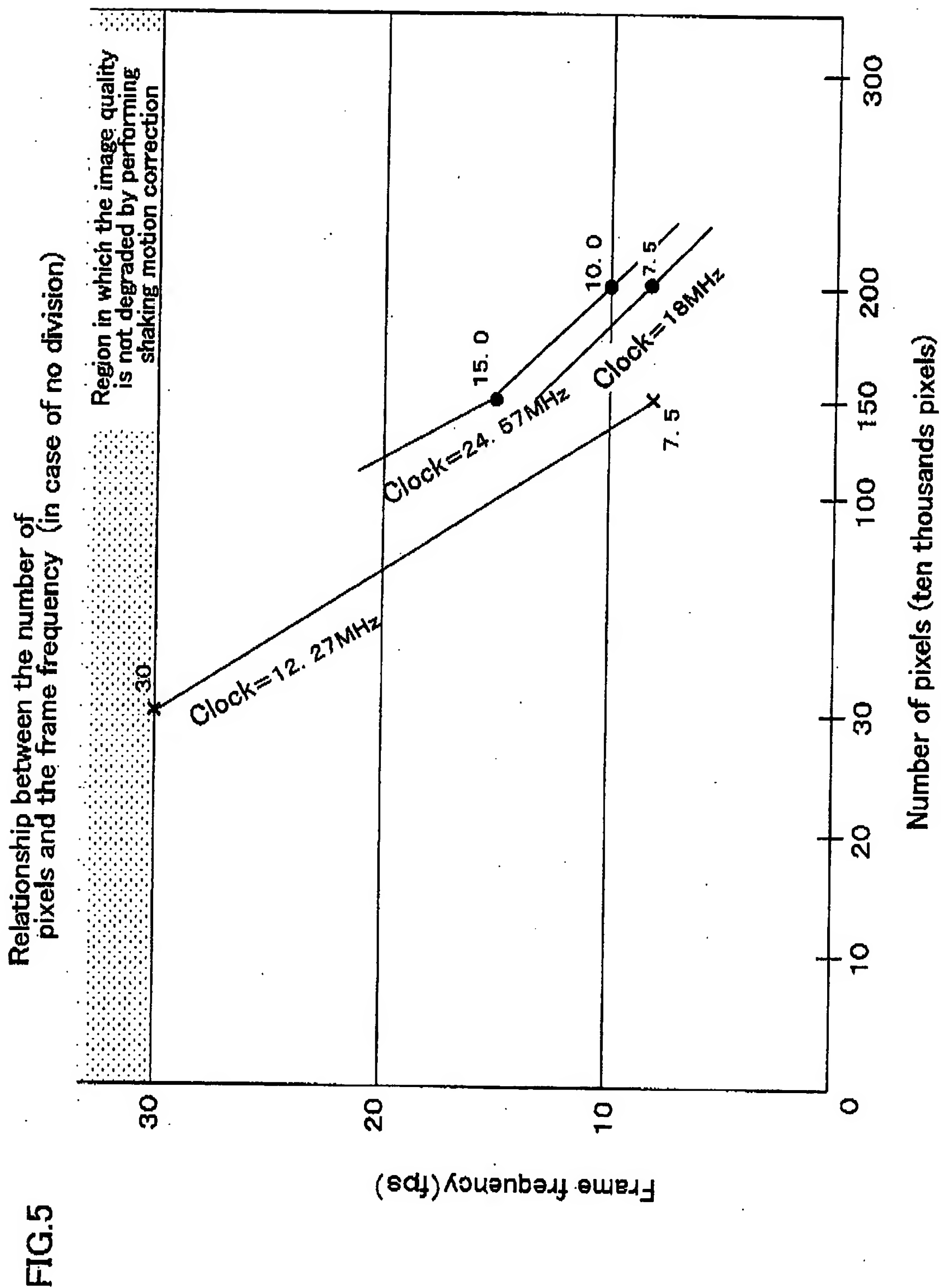


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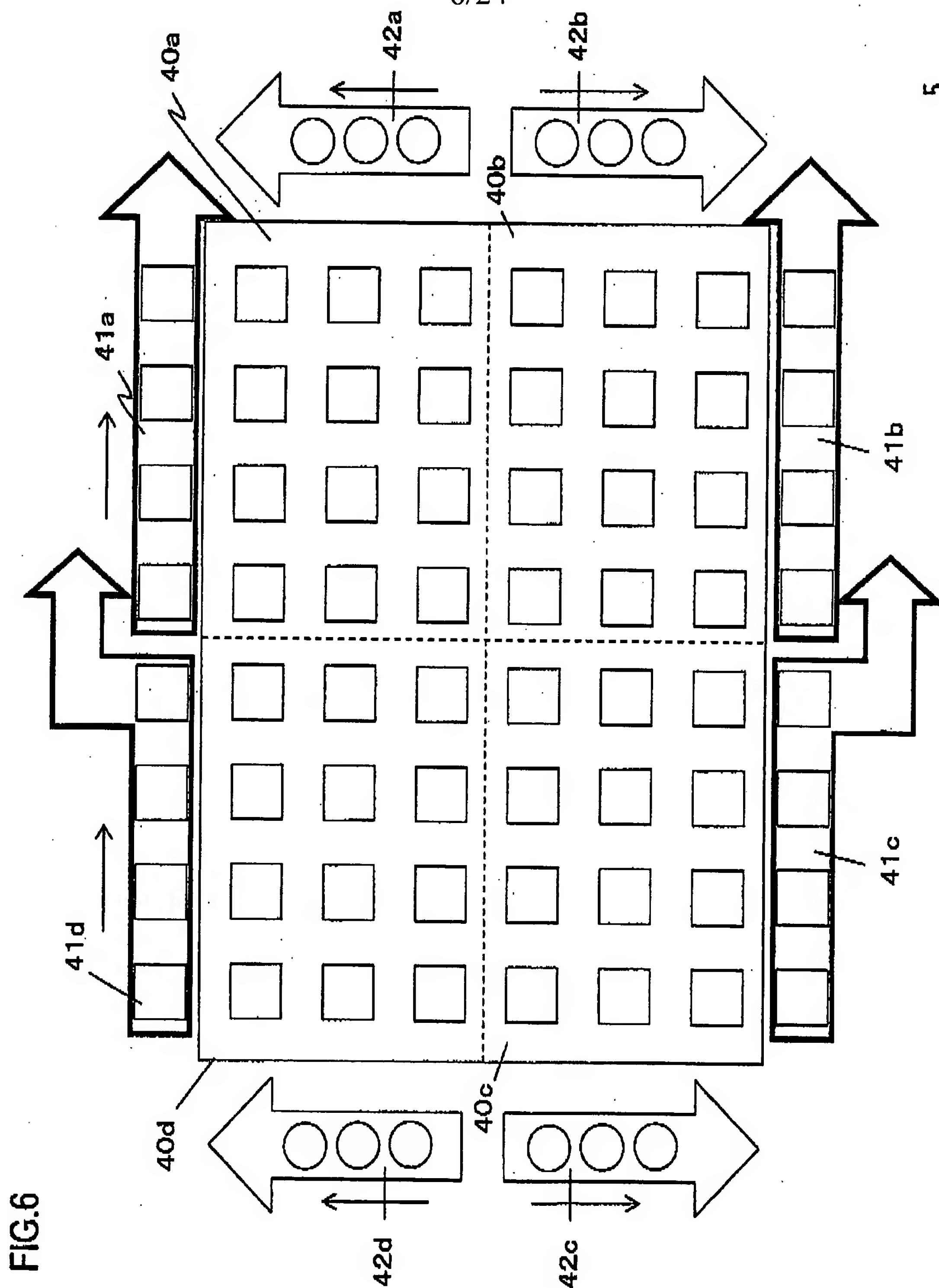
FIG.4



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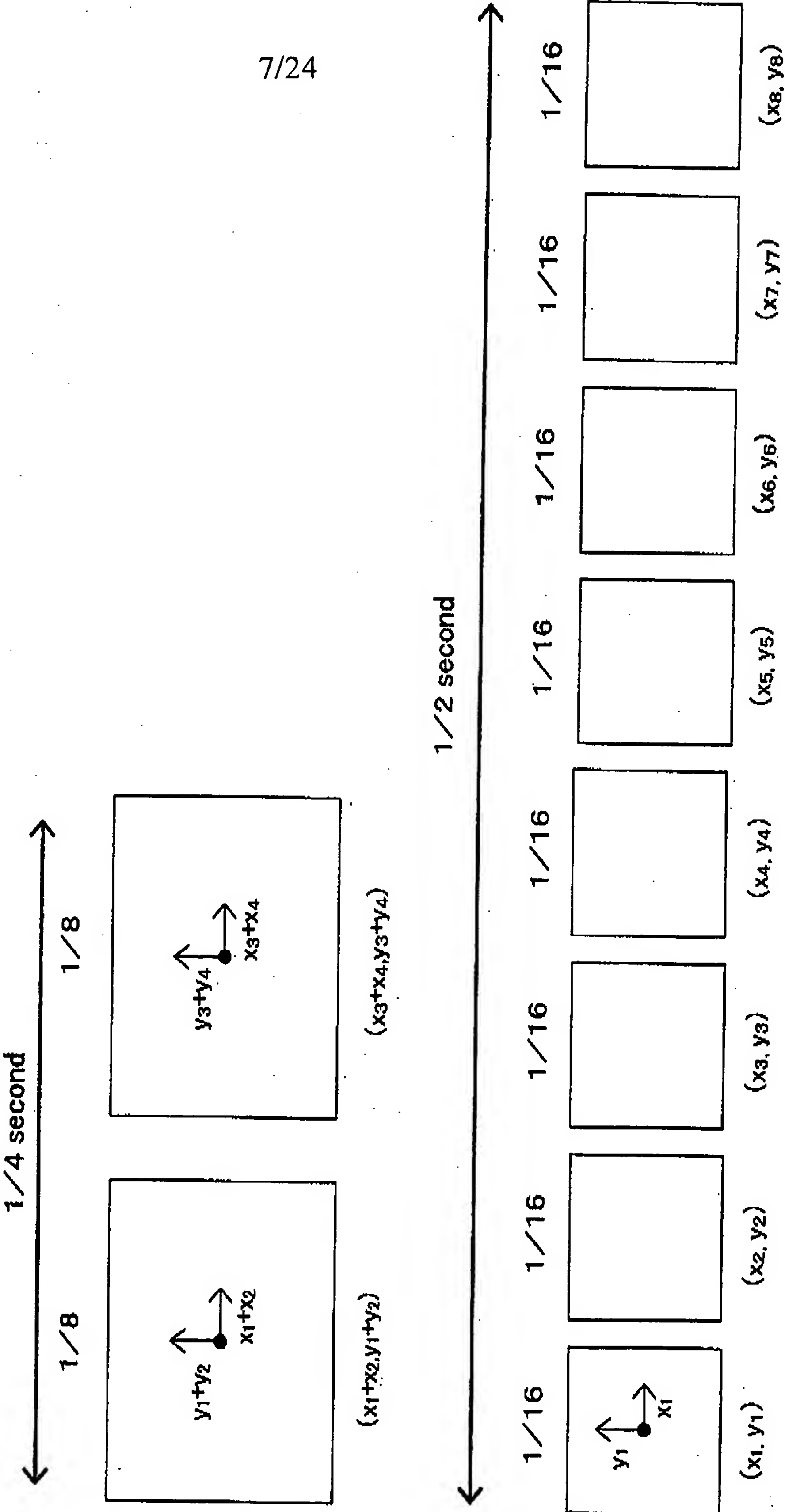


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FIG.7



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FIG.8

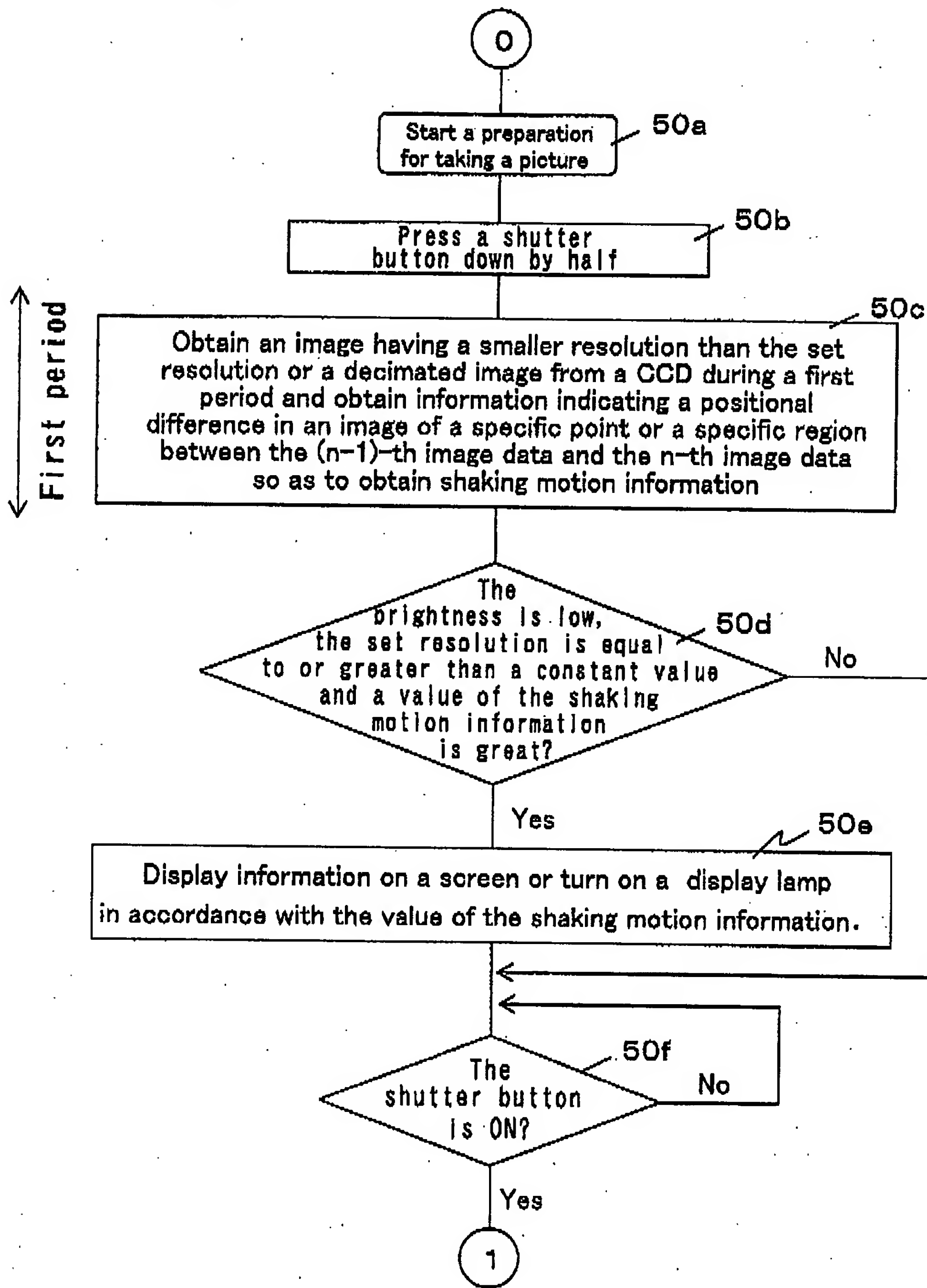


FIG.9

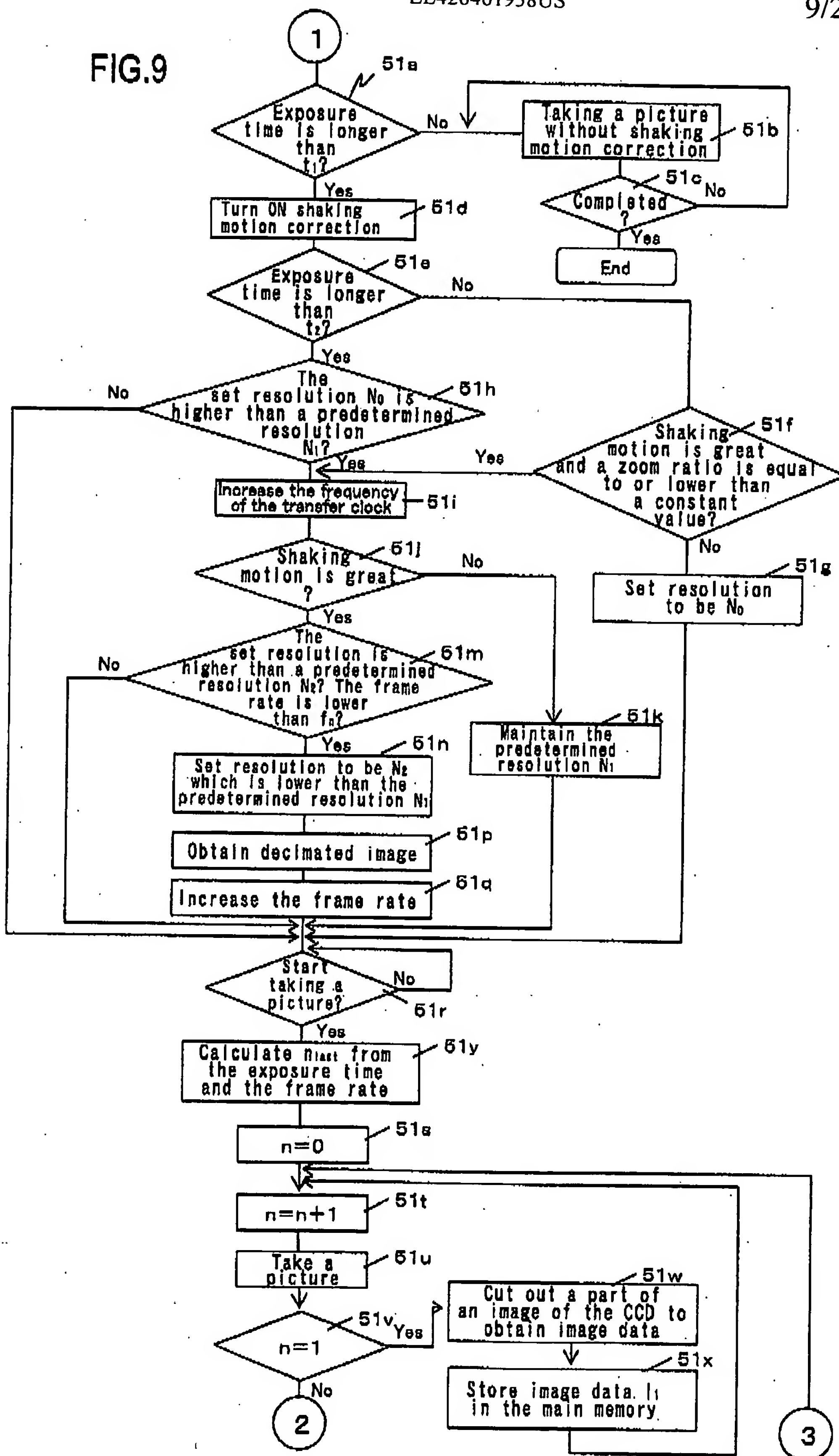
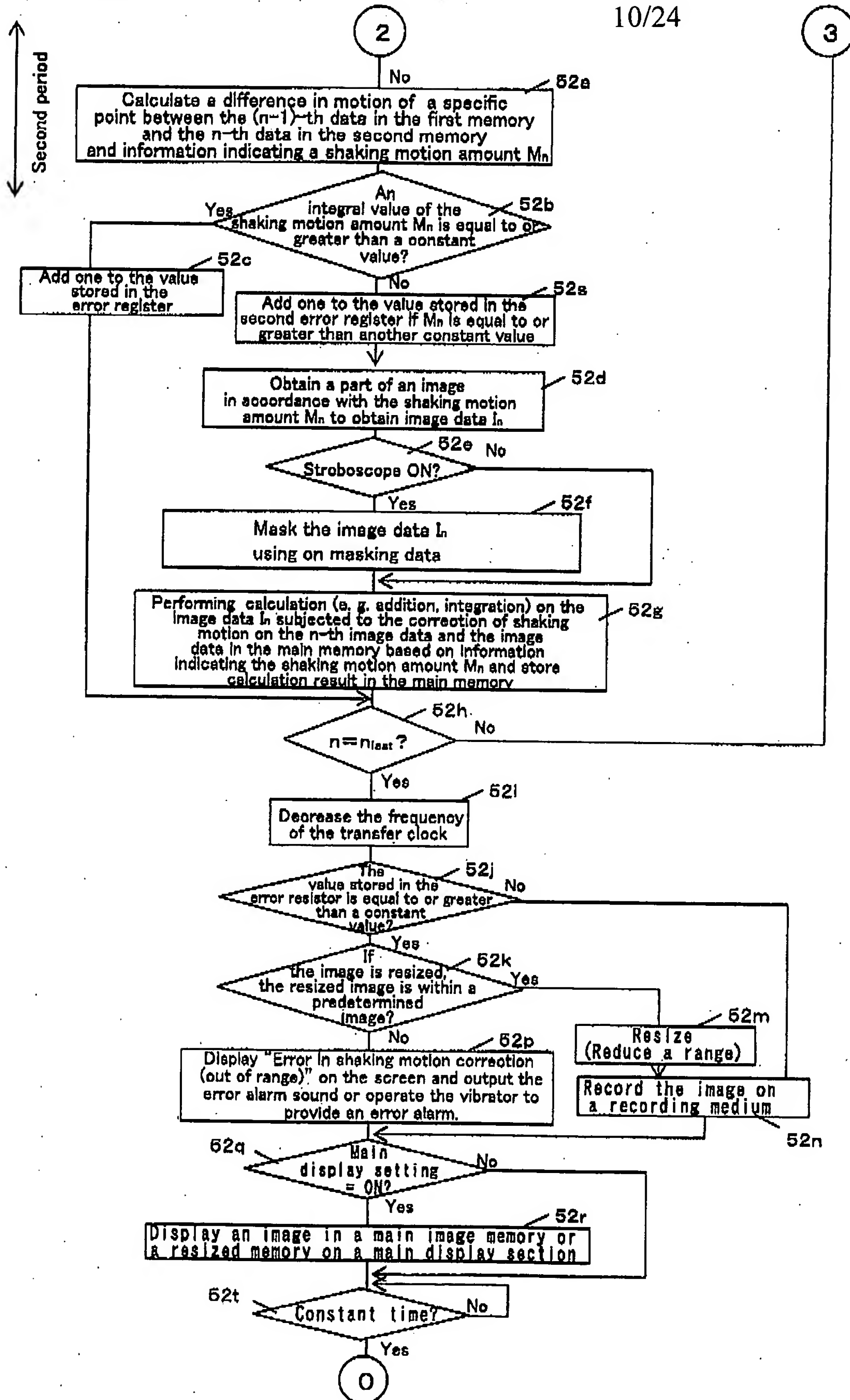


FIG.10

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FIG.11

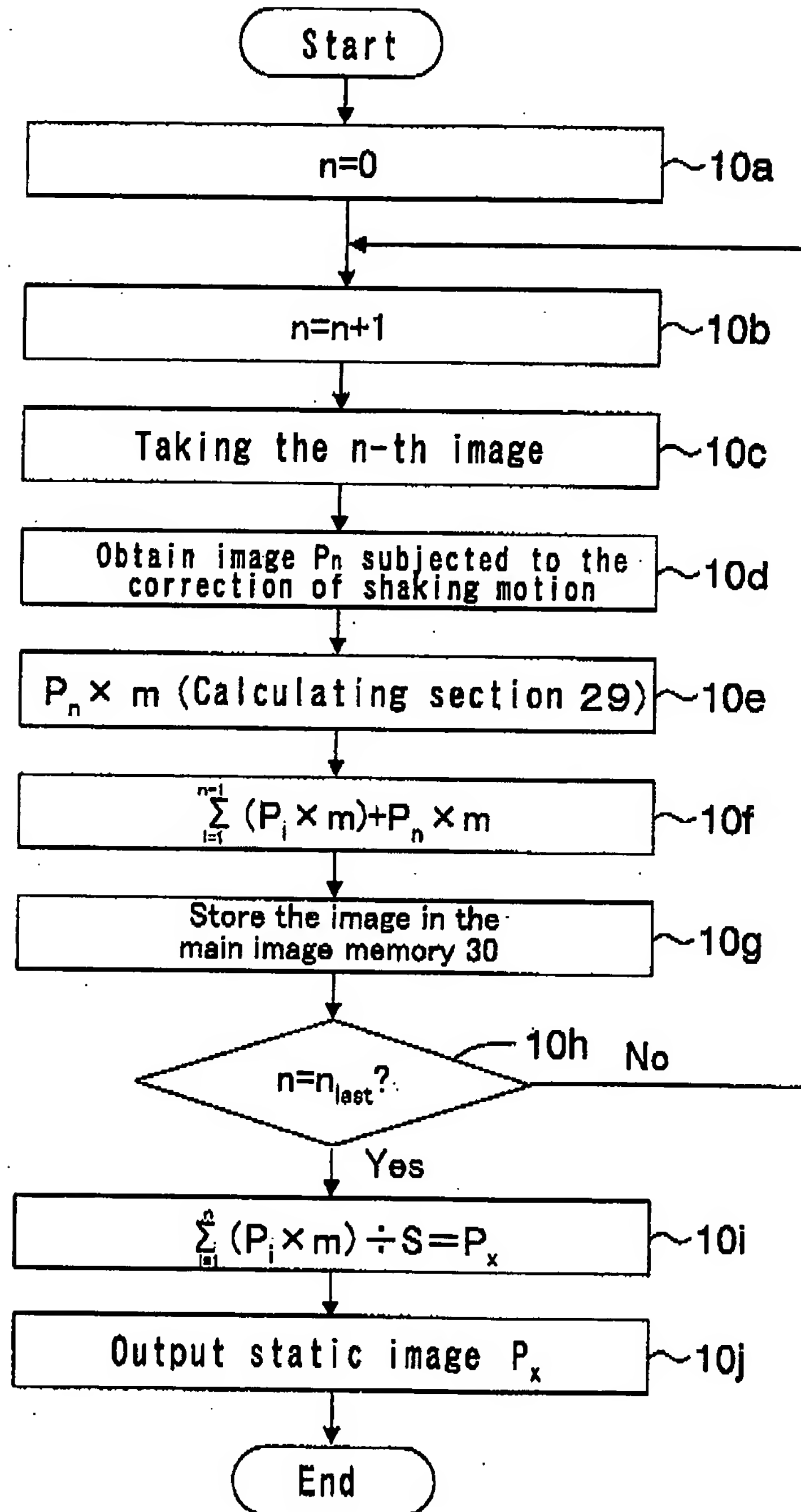


FIG.12

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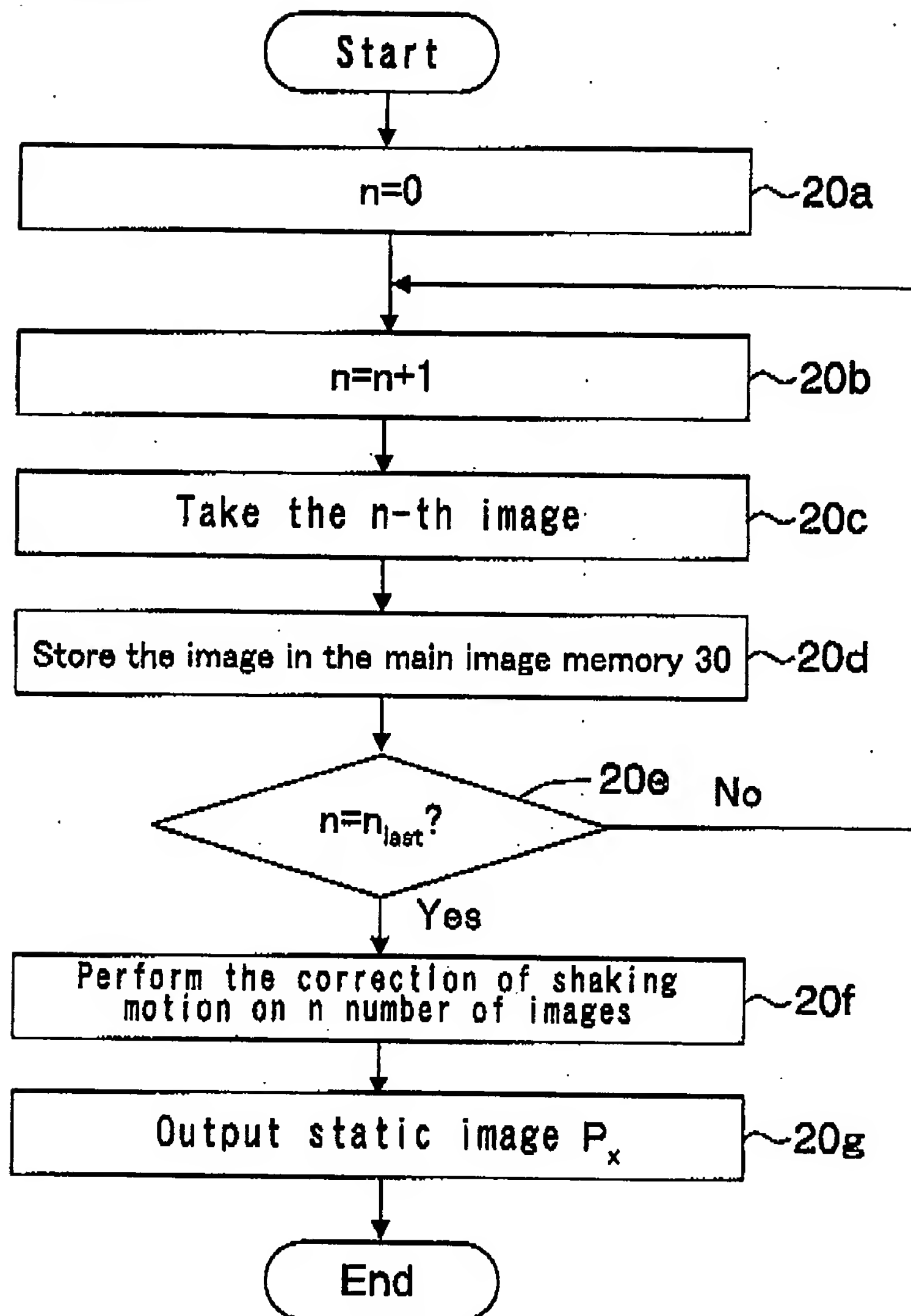


FIG.13

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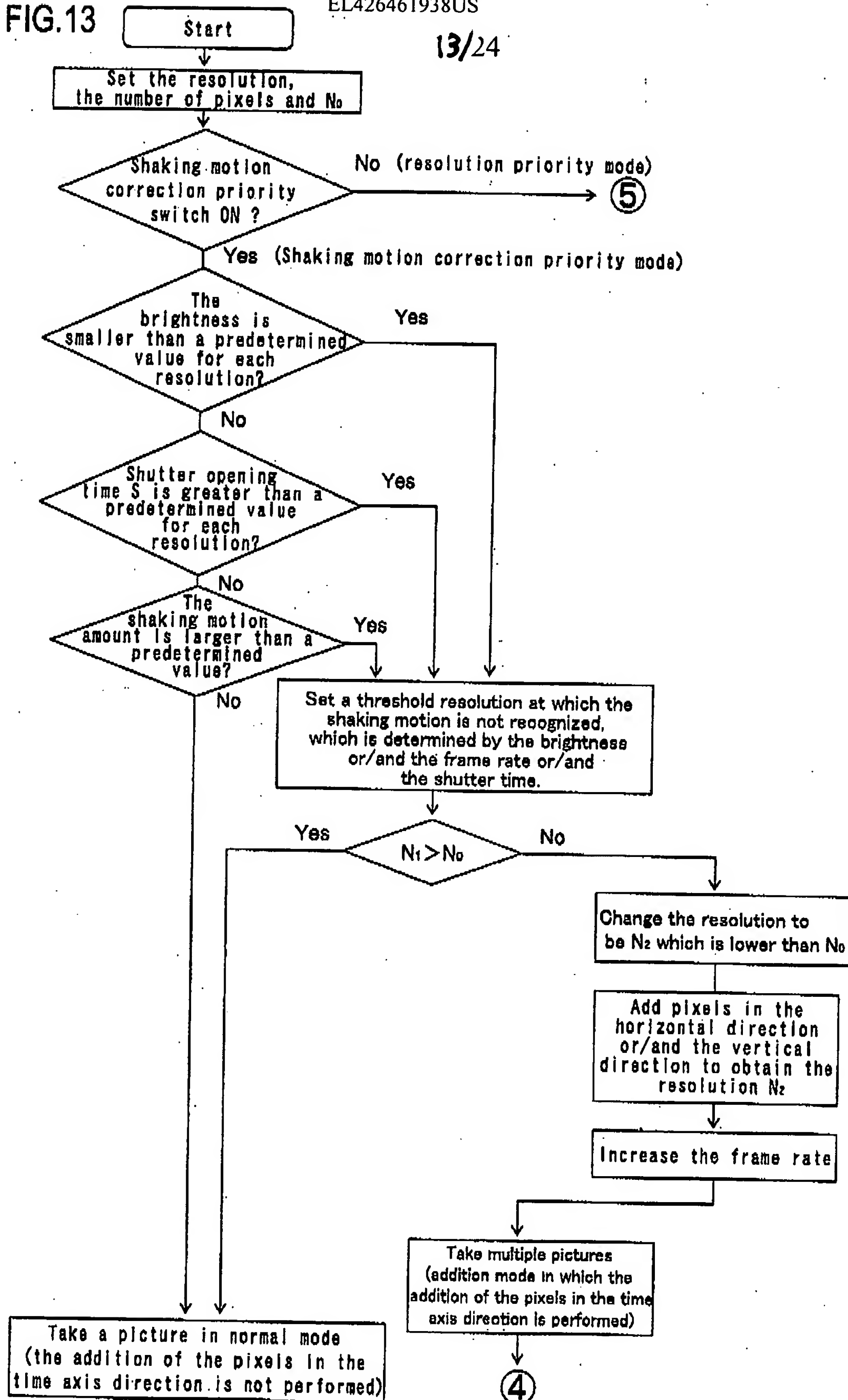
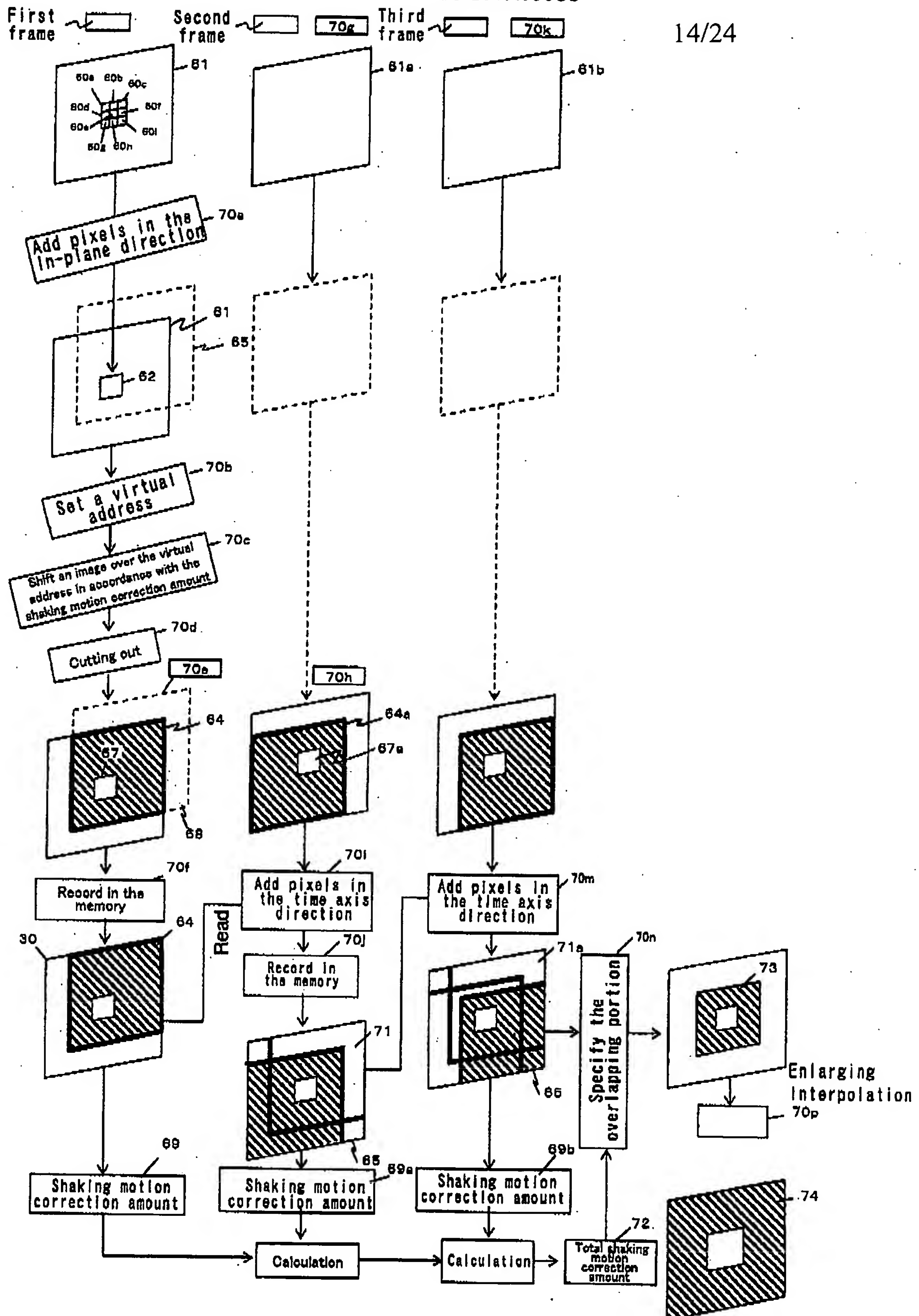


FIG.14

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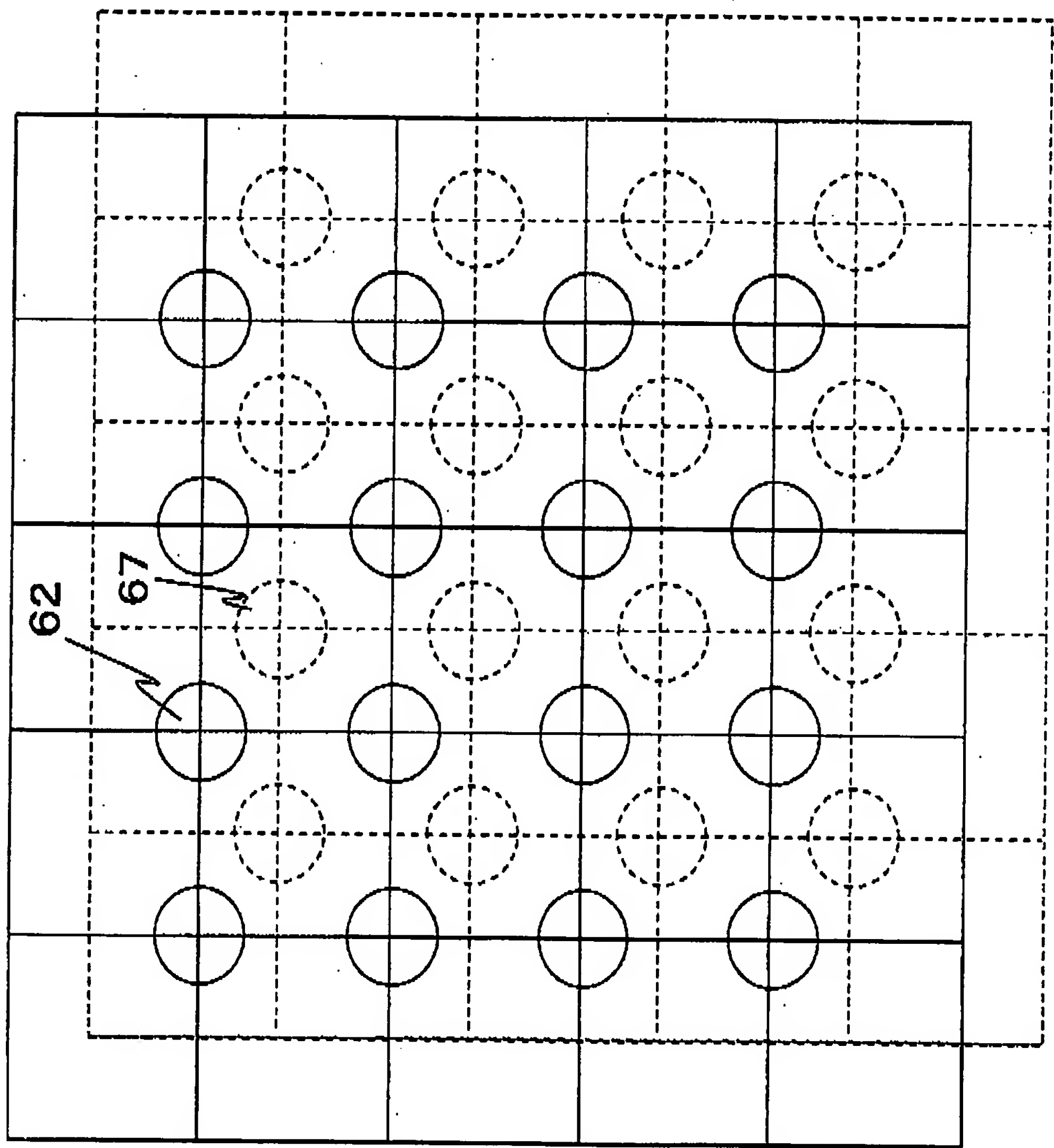
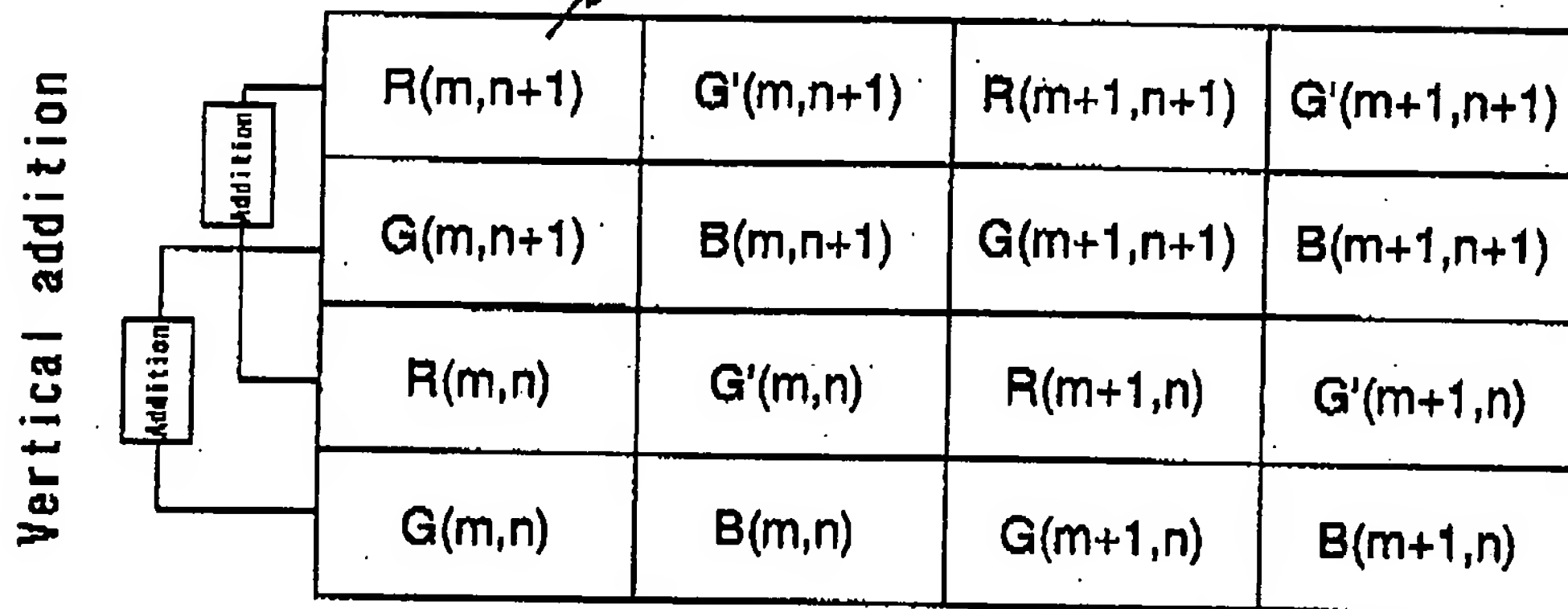


FIG.15

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FIG.16

(a) Vertical addition 60



$R(m,n+1) + R(m,n)$	$G'(m,n+1) + G'(m,n)$	$R(m+1,n+1) + R(m+1,n)$	$G'(m+1,n+1) + G'(m+1,n)$
$G(m,n+1) + G(m,n)$	$B(m,n+1) + B(m,n)$	$G(m+1,n+1) + G(m+1,n)$	$B(m+1,n+1) + B(m+1,n)$

(b) Horizontal addition

Second transfer section	$G(m,n+1) + G(m,n)$	$B(m,n+1) + B(m,n)$		
First transfer section			$G(m+1,n+1) + G(m+1,n)$	$B(m+1,n+1) + B(m+1,n)$

	$G(m,n+1) + G(m,n)$	$B(m,n+1) + B(m,n)$		
	$G(m+1,n+1) + G(m+1,n)$	$B(m+1,n+1) + B(m+1,n)$		

Horizontal addition processing

	$G(m,n)$ $+ G(m,n+1)$ $+ G(m+1,n)$ $+ G(m+1,n+1)$	$B(m,n)$ $+ B(m,n+1)$ $+ B(m+1,n)$ $+ B(m+1,n+1)$		

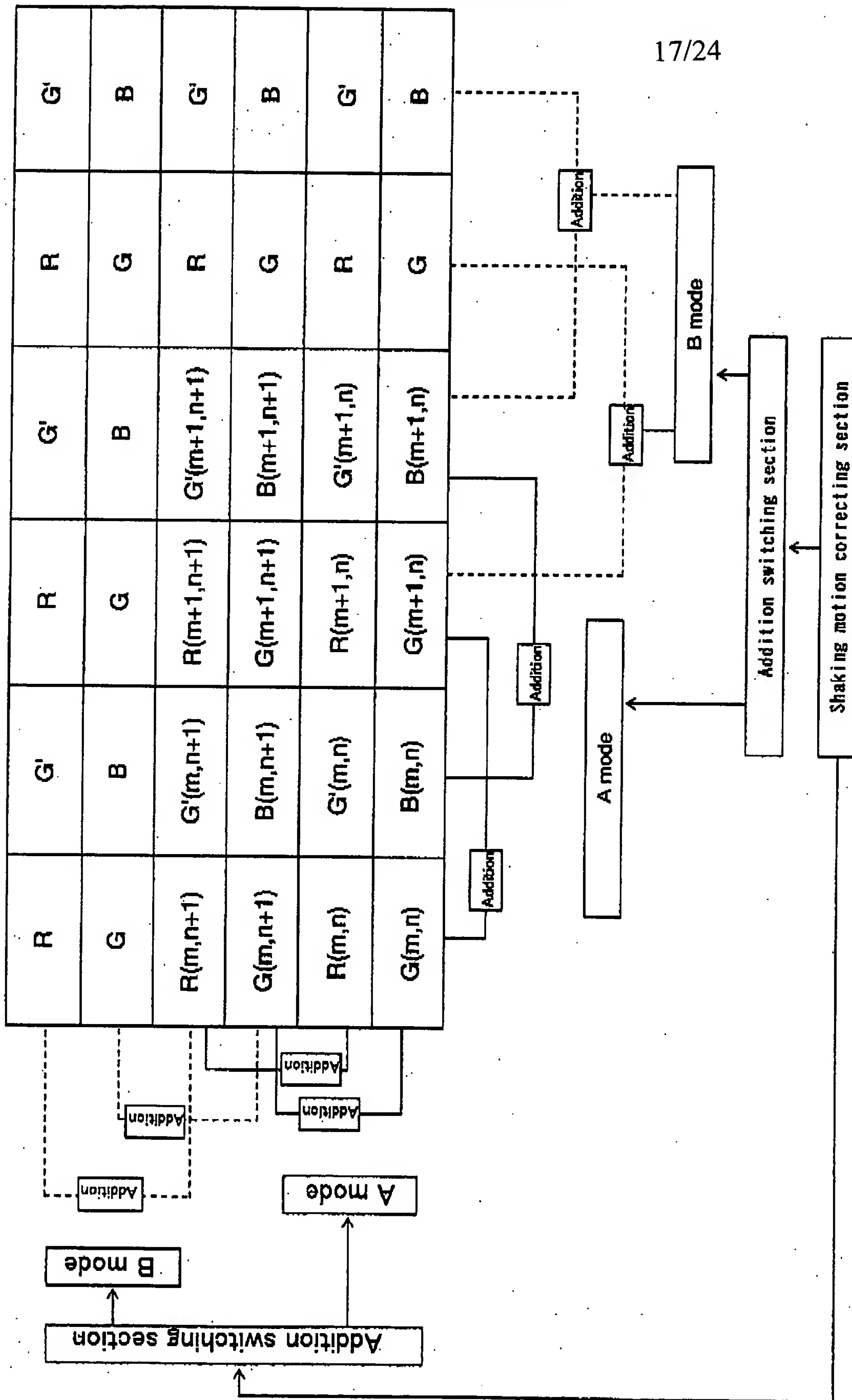
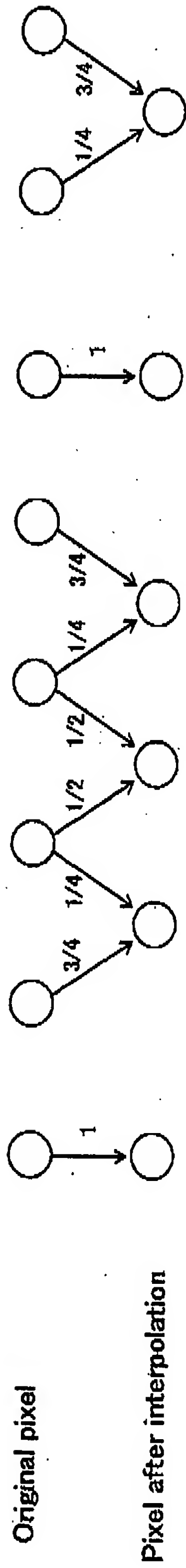
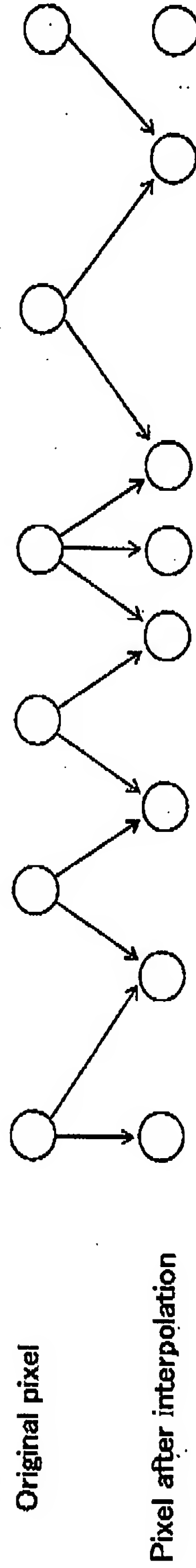


FIG.18

(a) Principle of interpolation
(Reduction)



(b) Principle of interpolation
(Enlargement)



(c) Shaking motion correction with
high resolution

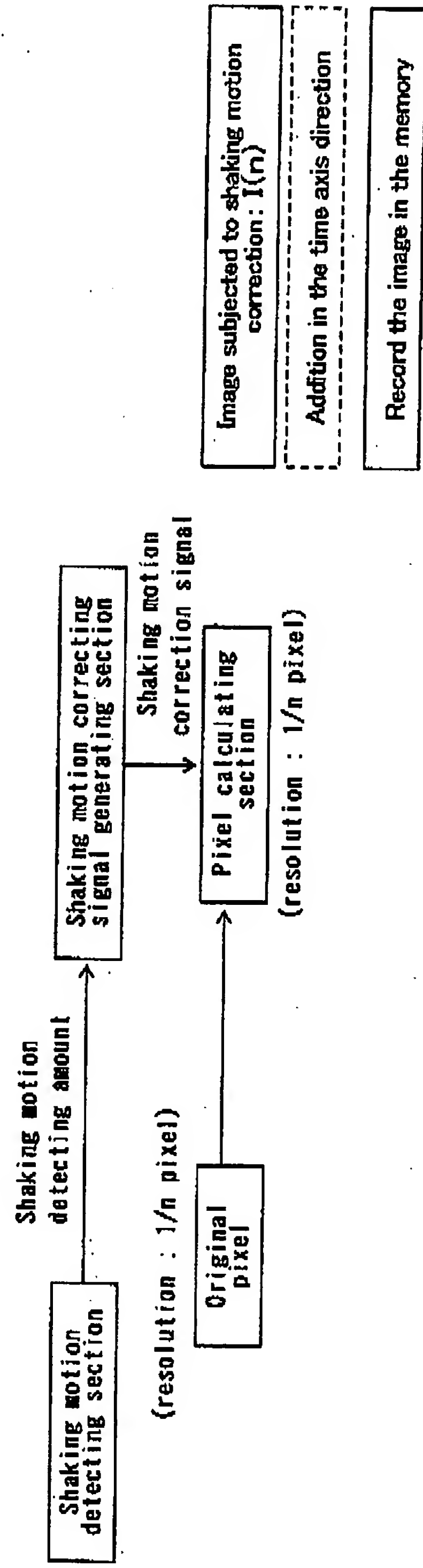


FIG.19

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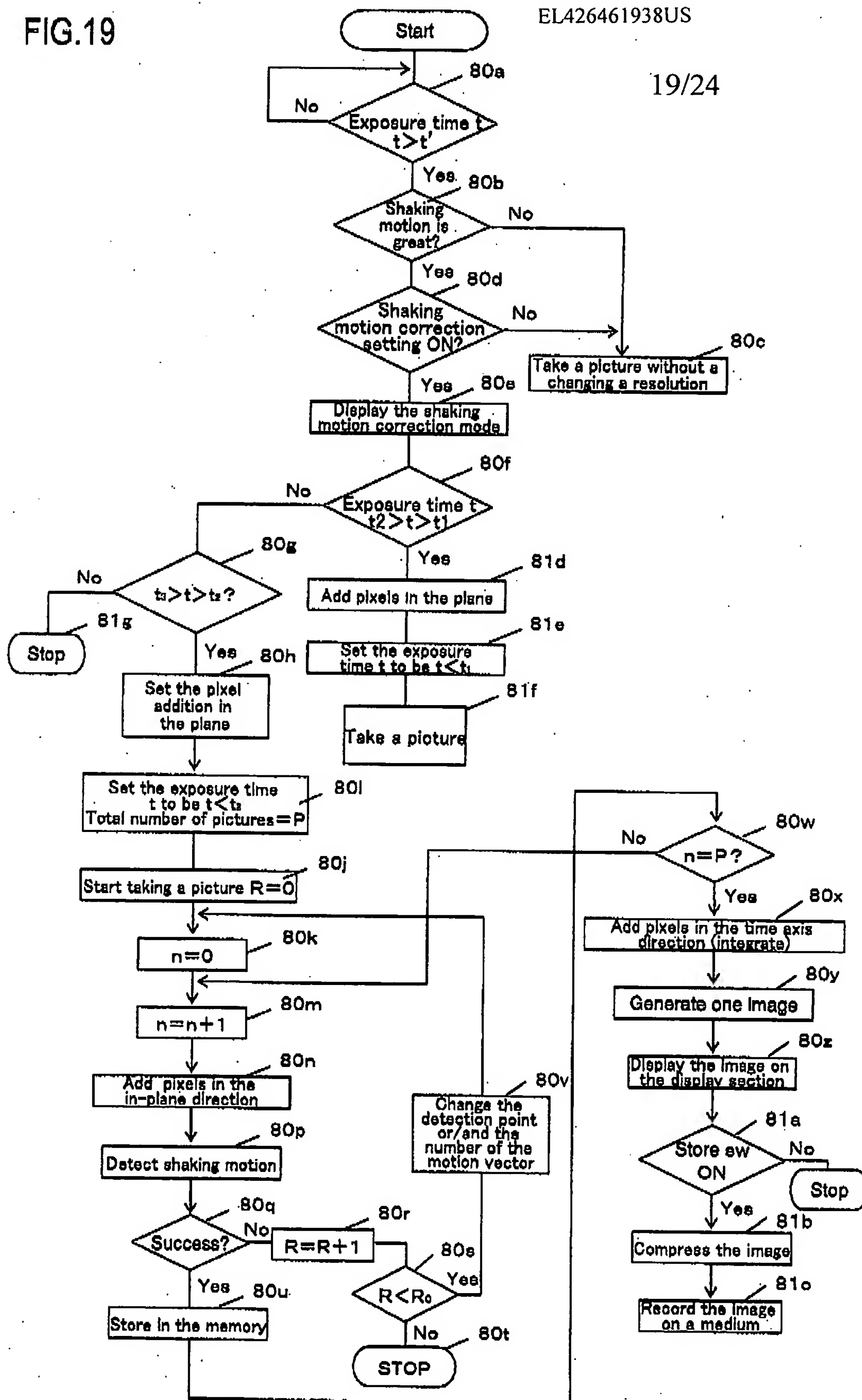


FIG.20

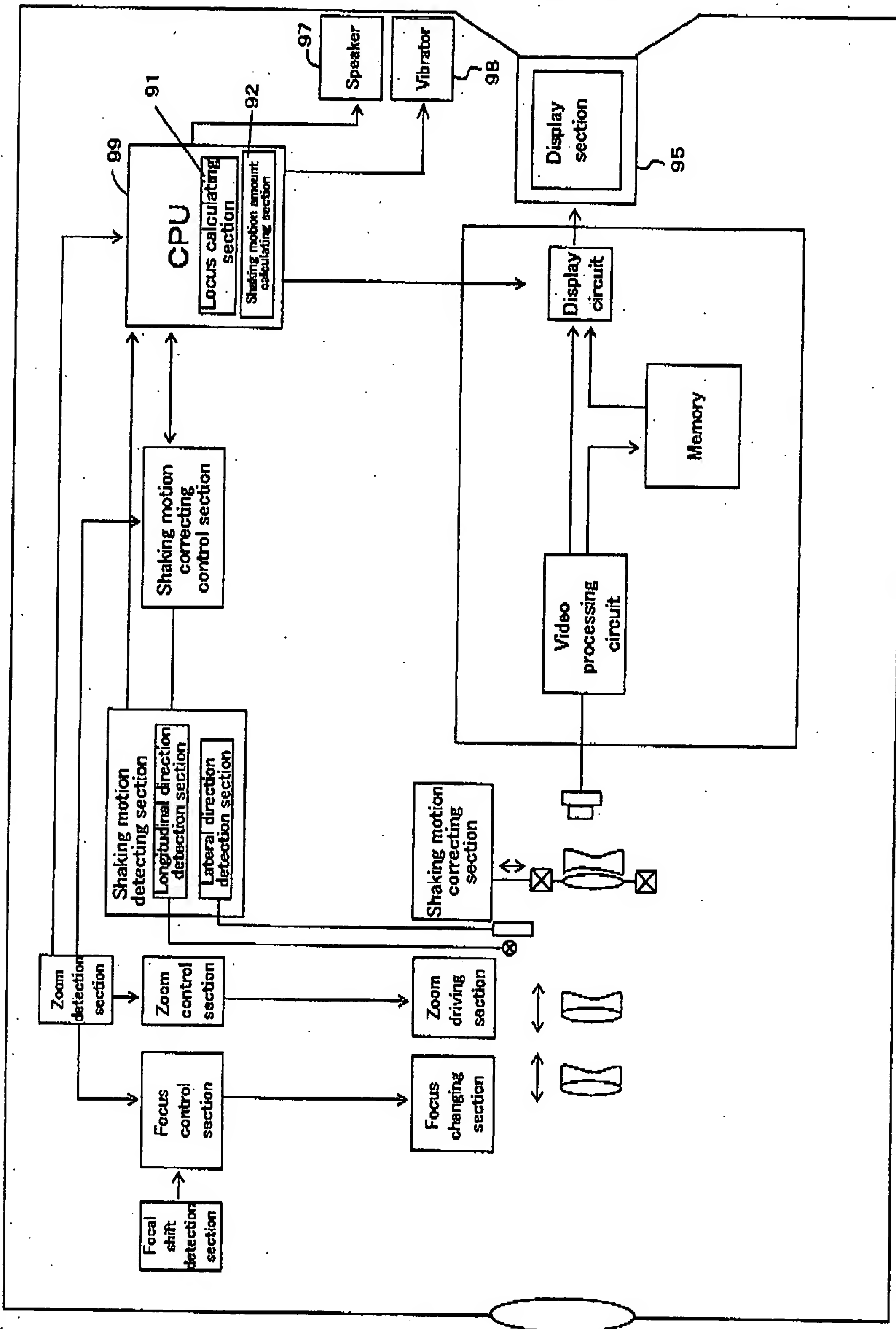


FIG.21

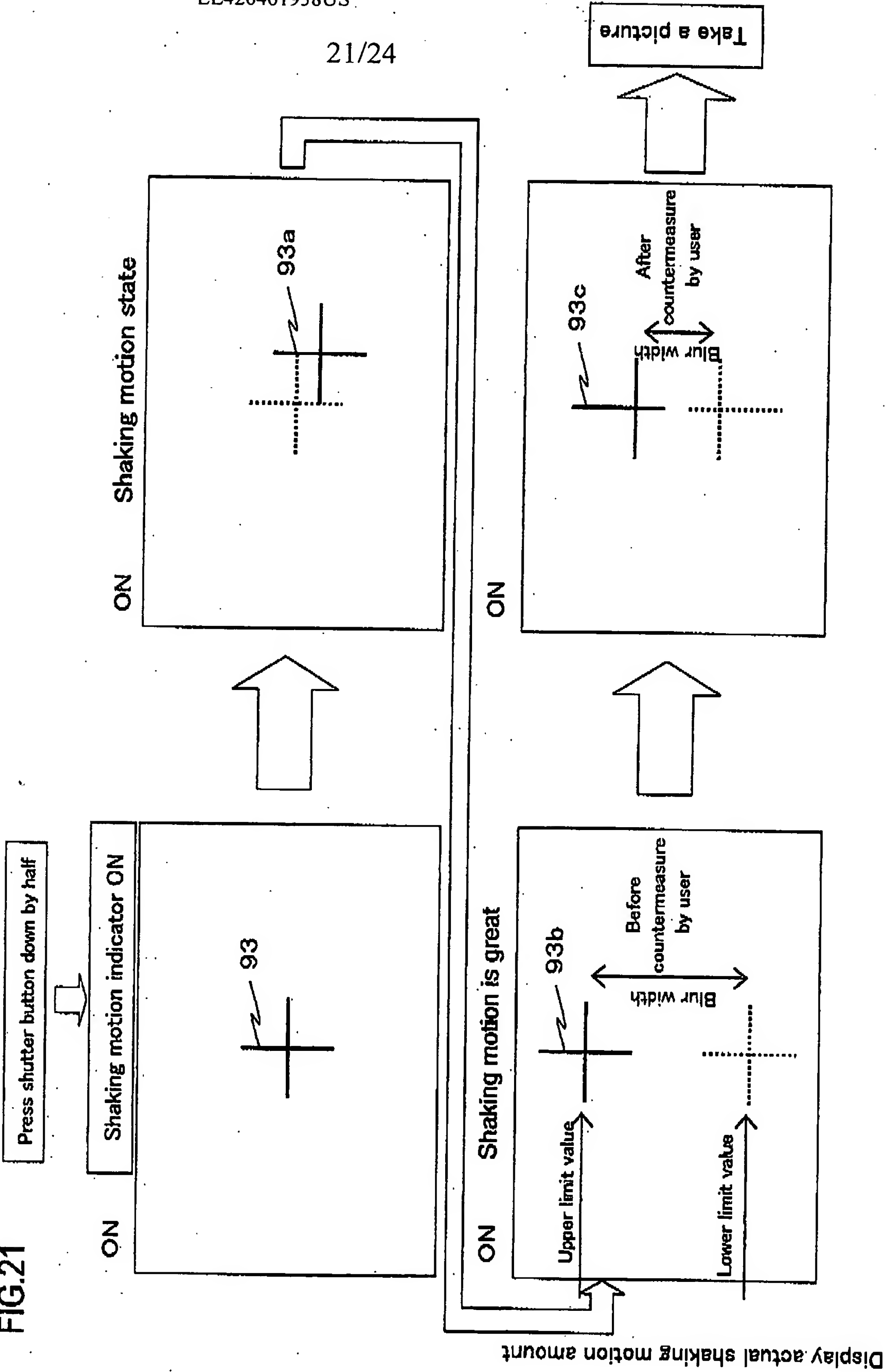


FIG.22

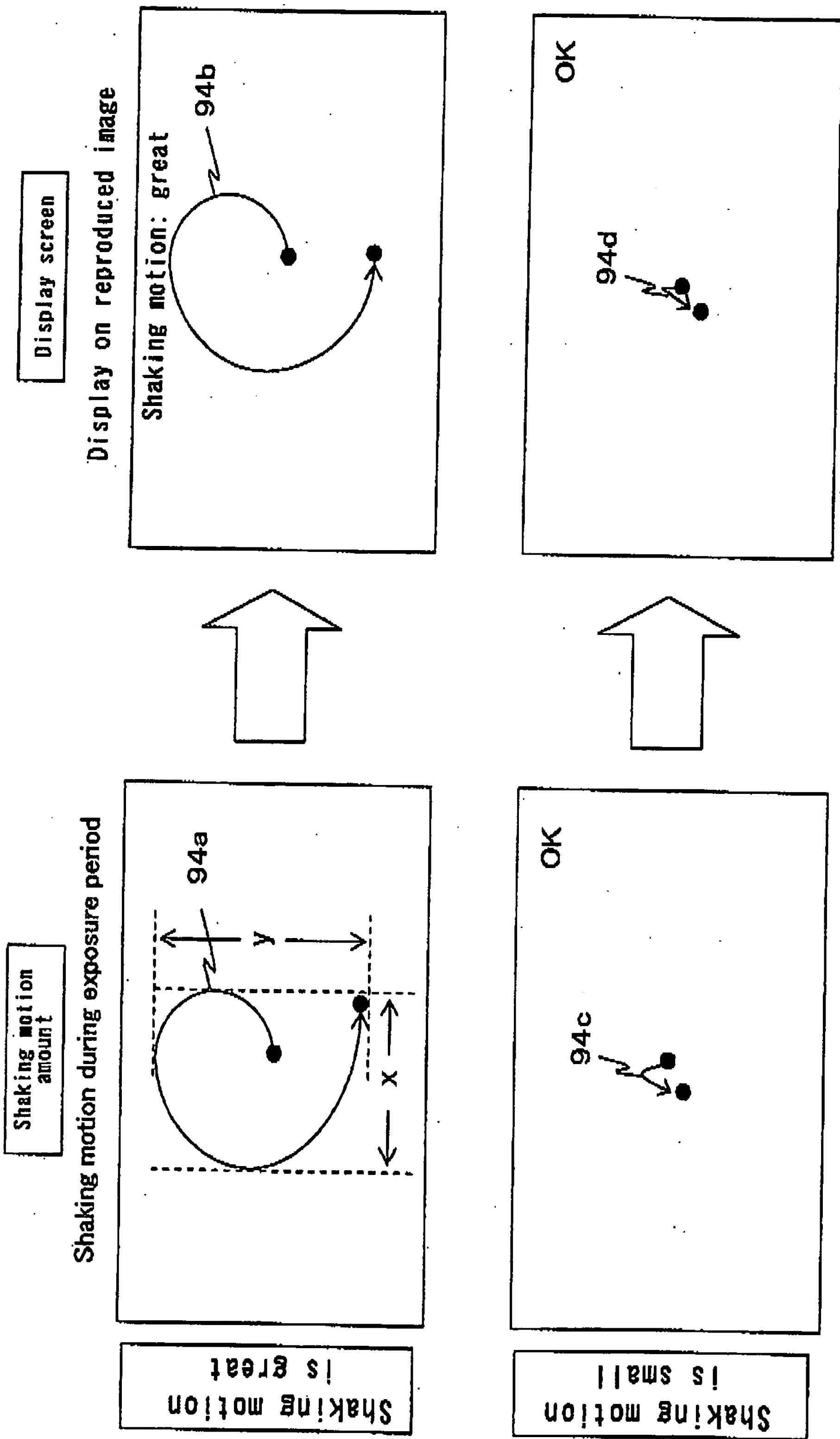
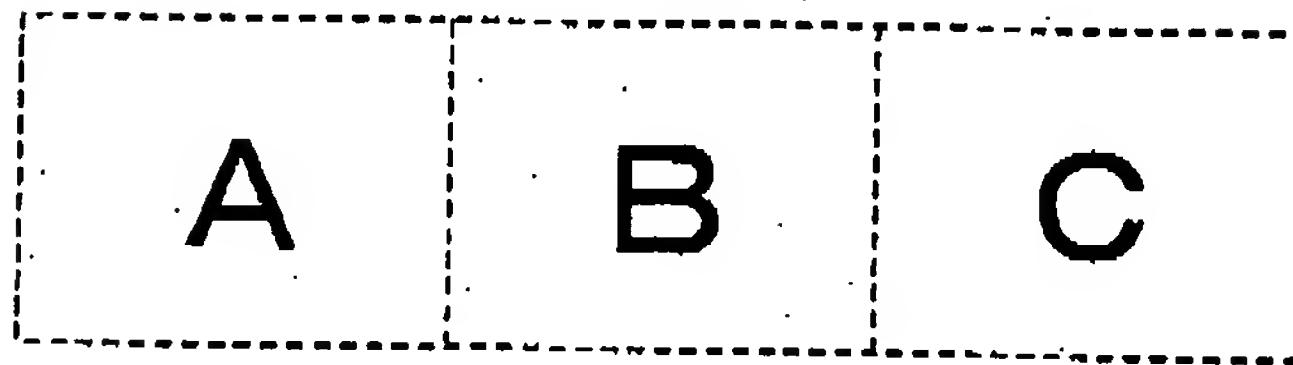
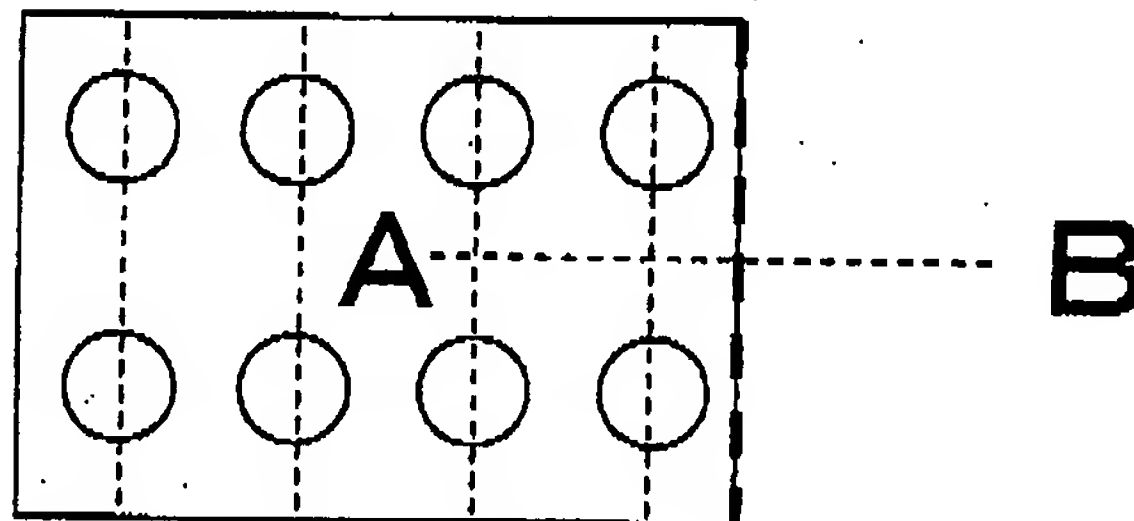


FIG.23

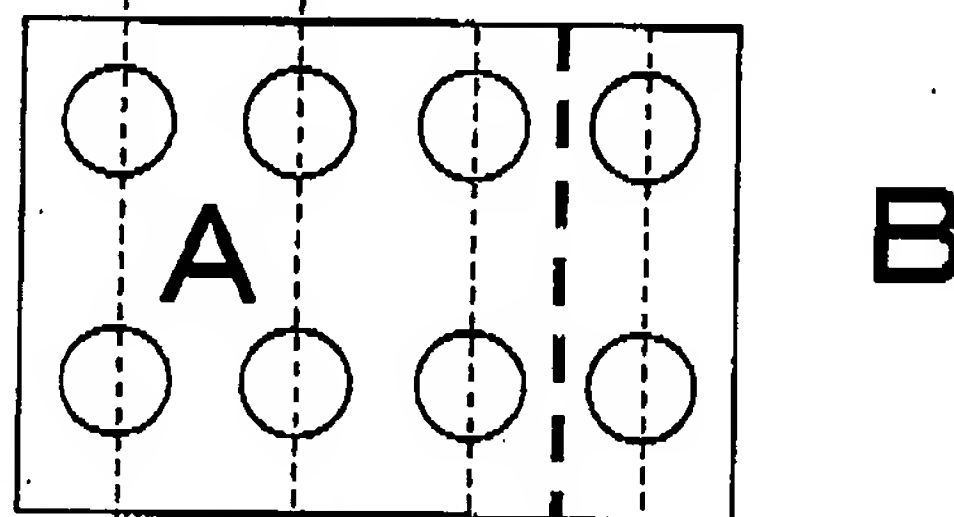
(a)



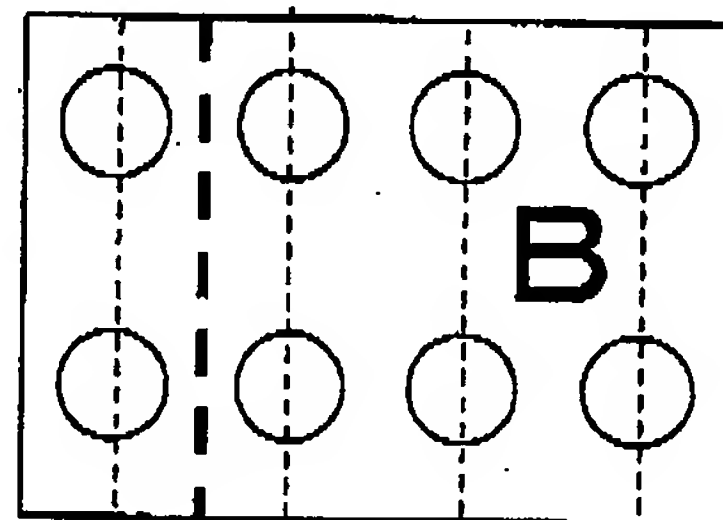
(b)



(c)



(d)



(e)

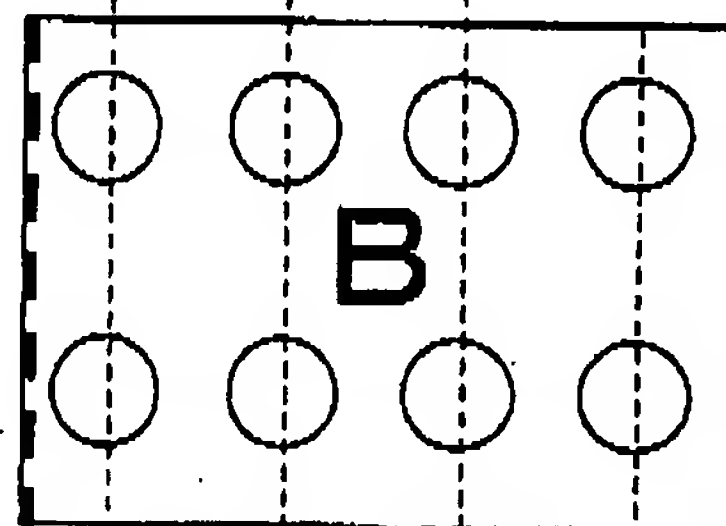


FIG.24

